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Duke  
8-28-06



Attorney's Docket No.: 17120-002007 / 2401G

RESPONSE UNDER 37 CFR §1.116  
--EXPEDITED PROCEDURE--  
EXAMINING GROUP 1600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Cantor *et al.*  
Serial No. : 09/030,571  
Conf. No. : 7542  
Filed : February 24, 1998  
Title : **POSITIONAL SEQUENCING BY HYBRIDIZATION**

Art Unit : 1634  
Examiner : B. Forman  
Customer No.: 20985

**MAIL STOP AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE AFTER FINAL**

Dear Sir:

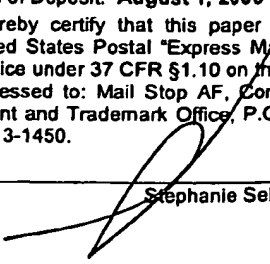
Responsive to the Final Office Action, mailed June 19, 2006, entry of the following amendments and remarks are respectfully requested. It is respectfully submitted that the amendments and arguments presented below either place the application into condition for allowance or reduce the number of issues for appeal. For example, the arguments presented below should obviate the rejections under 35 U.S.C. §112, second paragraph and 35 U.S.C. §102(b).

The pending claims are reflected in the listing of the claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop AF, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

  
Stephanie Seidman